

L 41639-65 ENG(j)/ENT(m)/ENG(m)/EMP(j)/EWA(h)/EWA(l) Pc-4/Peb EWH/RM  
 ACCESSION NR: AP5008919 S/0076/65/039/003/0771/0773

AUTHOR: Kiseleva, Ye. D.; Chmutov, K. V.; Kliyentovskaya, M. M.

TITLE: Stability of the polycondensation cation-exchangers KU-5, KU-6, and EO-7 to radiation

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 3, 1965, 771-773

TOPIC TAGS: cation exchange resin, polycondensation, radiation stability, electron bombardment, ionizing radiation, ion exchange capacity, KU-5 resin, KU-6 resin, EO-7 resin

ABSTRACT: The article discusses the effects of ionizing radiation consisting of a flux of accelerated electrons on the cation exchange resins KU-5, KU-6, and EO-7, particularly on the change in their ion-exchange capacity, swelling, and change in mass as a function of the dose. An IFKh accelerator was used. The dose rate was  $1 \times 10^{19}$  eV/g-sec; the dose was determined by the irradiation time. It was found that when irradiated with a dose of  $0.2-1.5 \times 10^{22}$  eV/g, the resins EO-7 and KU-5 in distilled water and in 1.0 N hydrochloric acid showed a certain decrease in their exchange capacity (5-20%) and that their swelling changed, whereas the ion-exchange properties of KU-6G remained the same. The stability of KU-5G and KU-6G

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to radiation is attributed to the special electronic structure of the fused rings of naphthalene and acenaphthene (KU-5G and KU-6G) and to the introduction of hydroquinone (labile electrons) into the system (EO-7). "The authors express their deep appreciation to A. B. Pashkov and M. A. Zhukov for the resin samples supplied for the investigation." Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: Institut fizicheskoy khimii, akademiya nauk SSSR (Institute of physical chemistry, academy of sciences of the USSR)

SUBMITTED: 21Mar64

ENCL: 00

SUB CODE: MT

NO REF SOV: 003

OTHER: 000

Card 2/2

KISELEVA, YE. F.

Kiseleva, Ye. F. "On the fauna of the feather-eaters (Mallophaga) of birds in the 'omsk area", Ichen. zapiski ('omskiy gos. un-t im. Kuyb sheva), No. 11, 1948, p. 41-46 - Bibliog: 9 items

SO: U-3261, 10 April 53, (Letopis'zhurnal 'nykh Statey, No. 12, 1949

KISELEVA, Ye.F.

Test of new forms of feed antibiotics in fattening swine for meat. Trudy Len.khim.-farm.inst. no.15:259-271 '62.

(MIRA 15:11)

1. Kafedra krupnogo zhivotnovodstva Leningradskogo sel'skokho-  
zyaystvennogo instituta (zav. - prof. B.P.Volkopyalov).

(ANTIBIOTICS)

(SWINE—FEEDING AND FEEDS)

KISELEVA, Ye.I.

Investigation of phytoplankton in the southeastern part of  
Neva Bay. Uch.zap.Len.un. no.126:142-177 '49. (MLRA 9:6)

1.Laboratoriya gidrobiologii Biologicheskogo instituta.  
(Neva Bay--Phytoplankton)

KISELEVA, Ye.I.

Plankton of Rybinsk Reservoir. Trudy probl. 1 tom. soveshch. no.2:  
22-31 '54.  
(Rybinsk Reservoir--Plankton)

(MIRA 8:5)

NIKOLAYEV, G.F., professor; KISILEVA, Ye. I.

Use of penicillin in anaerobic infection of wounds (tetanus) in an experiment. Khirurgiia no.10:67-72 0. '55. (MLRA 9:2)

1. In 1-y fakul'tetskoy khirurgicheskoy kliniki (nach.-deystvitel'nyy chlen ~~AMN SSSR~~ general'leytenant meditsinskoy sluzhby prof. V.N. Shchegolov). Voenno meditsinskoy ordena Lenina akademik imeni S.M. Kirova.

(TETANUS, oper.

ther., penicillin)

(PENICILLIN, ther. use  
tetanus, exper.)

ALEKSANDROV, N.N.; RYZHKOV, S.V.; SUKOVATYKH, L.S.; CHALISOV, I.A.;  
CHESNOKOV, G.B.; KISELEVA, Ye.I.; BUENOVA, R.N.; RAMZEN-YEVDOKIMOV,  
I.G.; SHAMOV, Vladimir Nikolayevich, prof., zas. deyatel' nauki, red.;  
VOLKOV, L.F., red.; KOSTAKOVA, M.S., tekhn. red.; LEBEDEVA, Z.V., tekhn. red.

[Wounds of the skull and brain in acute radiation sickness] Raneniya  
cherepa i golovnogo mozga pri ostroi luchevoi bolezni. Pod red. V.N.  
Shamova. Leningrad, Medgiz, 1962. 174 p. (MIRA 15:3)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Shamov).  
(RADIATION SICKNESS) (BRAIN—WOUNDS AND INJURIES)  
(SKULL—WOUNDS AND INJURIES)



KISELEVA Ye. I.

PHASE I BOOK EXPLOITATION SOV/6055

Aleksandrov, N. N., S. V. Ryzhkov, L. S. Sukovatykh,  
I. A. Chalinov, G. B. Chesnokov, Ye. I. Kiseleva,  
R. N. Bubnova, I. G. Ramzen-Yevdokimov

Raneniya cherepa i golovnogo mozga pri ostroy luchevoy  
bolezni (Cranial and Cerebral Injuries in Acute Radiation  
Sickness). Leningrad, Medgiz, 1962. 176 p. 3500 copies  
printed.

Ed. (Title page): V. N. Shamov, Acting Member of the Academy  
of Medical Sciences USSR, Honored Scientist, Professor;  
Eds.: Shamov, Vladimir Nikolayevich, Professor, and  
L. F. Volkov; Tech. Eds.: M. S. Kostakova and Z. V. Lebedeva.

PURPOSE: This book is intended for surgeons in general and  
neurosurgeons in particular, and may also be useful to phy-  
sicians who might have to treat victims of atomic explosions.

COVERAGE: The book describes the results of numerous animal  
experiments investigating important peculiarities of the  
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4  
Cranial and Cerebral (Cont.)

SOV/6055

clinical course, therapy, and outcome of infected cranial and cerebral injuries in subjects affected by penetrating radiation. Special features of the clinical phenomena and diagnostics of cerebral injuries and complications due to intracranial infection in acute radiation sickness are dealt with, and results of surgical and several kinds of antibiotic therapy are given. Basic methods for the use of antibiotics are presented. In the experiments, cranial and cerebral injuries were infected by cultures of suppurative infection-producing agents, bone splinters were left in the wounds, and primary surgical treatment was delayed for three days after irradiation and injury. Even under these conditions, satisfactory therapeutic results were obtained. The experiments indicate the desirability of extending the indications for the use of primary blind sutures (pervichnykh glukhikh shvov). This investigation of cranial and cerebral injuries combined with radiation effects was conducted at the Academy of Military Medicine of the Order of Lenin imeni S. M. Kirov by a collective of authors under the leadership of Doctor of Medical Sciences N. N. Aleksandrov. There are 850 references: 579 Soviet, 219 English, 29 German, 20 French, 1 Italian, 1 Swedish, and 1 Hungarian.

Card 2/6

SUSLENNIKOVA, Vera Mikhaylovna; KISELEVA, Yelena Konstantinovna;  
GRIVA, Z.I., red.

[Manual on the preparation of titrated solutions] Rukovodstvo  
po prigotovleniiu titrovannykh rastvorov. Moskva, Khimiia,  
1965. 143 p. (MIRA 18:12)

CM

KISELEVA, YE. K.

110

The leaves of *Vaccinium myrtillus*. A. M. Khaletskii and E. K. Kiseleva (Leningrad Chem. Pharm. Inst.). *Aptekarskoe Delo* 1, No. 1, 82-83 (1953).—Preliminary results are reported in which the PbOAc method and solvent-extrn. methods gave the following group contents in leaves: 3.14% waxes, coloring materials, and glucosides extractable with petr. ether; 0.85% glucosides, resins, etc., extractable by  $H_2O$ ; 0.11% similar materials extractable with  $CHCl_3$ ; 7.81% tannins, reducing substances, etc., extractable by abs. EtOH (70% EtOH gives 2.70%); 4.3% salts and proteins extractable with cold  $H_2O$ ; 0.22% salts of org. acids extractable with hot  $H_2O$ ; 4.33% Ca salts and reducing substances extractable with 1% cold HCl; 13.46% lignin, pentosans, hemicellulose, etc., extractable with hot 1% HCl; and 51.8% pentosans and cellulosic derivs. extractable with 5% NaOH. The ash residue contains K, Na, Mg, Fe, Si, S, P, and Cl. G. M. Kosolapoff

KHALETSKIY, PROF. AM.  
KISSELEVA, YE. K.

Botany-Medical

Examination of whortleberry (*Vaccinum myrtillus*) leaves; conclusion. Apt.  
delo no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952.  
UNCLASSIFIED.

SUSLENNIKOVA, V.M.; KISELEVA, Ye.K.; GRIVA, Z.I., red.; FOMKINA, T.A.,  
tekhn. red.

[Handbook on the preparation of titrated solutions] Rukovodstvo  
po prigotovleniiu titrovannykh rastvorov. Leningrad, Goskhim-  
izdat, 1962. 123 p.  
(Titration) (MIRA 16:1)

SUSLENNIKOVA, Vera Mikhaylovna; KISELEVA, Yelena Konstantinovna;  
GRIVA, Z.I., red.

[Manual on the preparation of titration solutions] Rukovodstvo po prigotovleniiu titrovannykh rastvorov. 2. izd. perer. i dop. Moskva, Izd-vo "Khimiia," 1964. 146 p.  
(MIRA 17:7)

**XISLEVA, Ye.H.,** kandidat biologicheskikh nauk.

Treating seeds with mercuran before sowing. Zemledelie 4 no.7:  
70-72 J1 '56. (MLBA 9:9)  
(Seeds--Disinfection)



GEL'PERIN, N.I.; KROKHIN, N.G.; KISELEVA, Ye.N.

Pilot plant testing of the method of continuous extraction of  
vanillin in a spray tower. Trudy VNIISMDV no.4:151-154 '58.  
(MIRA 12:5)

(Vanillin)  
(Extraction (Chemistry))

GEL'PERIN, N.I.; KROKHIN, N.G.; KISELEVA, Ye.N.

Extraction from solutions by condensing vapor phase extraction agents. Zhur. prikl. khim. 31 no.7:1026-1036 J1 '58.

(MIRA 11:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh i natural'nykh dushistykh veshchestv Ministerstva promyshlennosti prodovol'stvennykh tovarov SSSR.

(Extraction (Chemistry))

DUCHINSKAYA, Yuliya Ivanovna; CHEBYSEV, Aleksandr Grigor'yevich; KISELEVA,  
Ye.N., kand.tekhn.nauk., retsenzent; MEYER, V.K., inzh., spetsred.;  
BESH, G.S., red.; TARASOVA, N.M., tekhn.red.

[Production of synthetic aromatic principles] Proizvodstvo  
sinteticheskikh dushiastykh veshchestv. Moskva, Pishchepromizdat,  
1959. 163 p. (MIRA 12:4)

(Flavoring essences)

KISELEVA, Ye.N.; GEL'PERIN, N.I.; SHESTAKOVA, V.A.; ZELENETSKIY, N.N.

Use of extraction by pairs of solvents for the purification of  
phenyl ethyl alcohol. VNIISNDV no.5:102-107 '61. (MIRA 14:10)  
(Phenethyl alcohol) (Extraction (Chemistry))

KISELEVA, Ye.N.; VOYTKEVICH, S.A.

Extracting raw essential oil with methylene chloride, carbon  
tetrachloride, and water solutions of surface-active substances.  
Trudy VNIISNDV no.5:116-120 '61. (MIRA 14:10)

(Essences and essential oils)

(Extraction (Chemistry))

KISELEVA, Ye.N.; GEL'PERIN, N.I.; SHESTAKOVA, V.A.

Removal of impurities from phenylethyl alcohol extraction with  
vapor solvents in an injection column. Zhur. prikl. khim. 34 no.1:  
167-172 Ja '61. (MIRA 14:1)

(Phenethyl alcohol)

KISELEVA, Ye.N.; SHESTAKOVA, V.A.

Use of fractionating extraction for deterpenation of Soviet ethereal  
oils. Trudy VNIISNDV no.6:158-164 '63. (MIRA 17:4)

PETROVA, T.R.; KISELEVA, Ye.N.

Diagnostic significance of the determination of blood fibrinogen  
in myocardial infarction and arterial thrombosis. Sov. med. 27  
no.6:10-14 Je '64. (MIRA 18:1)

1. Fakul'tetskaya terapevticheskaya klinika (zav. - dotsent T.R.  
Petrova) Kubanskogo meditsinskogo instituta, Krasnodar.



KISELEVA, Ye. S.

KISELEVA, Ye. S.: "On the morphology of the pulmonary artery under normal conditions and in hypertonic disease". Moscow, 1955. Second Moscow State Medical Inst imeni I.V. Stalin. (Dissertations for the Degree of Candidate of Medical Sciences).

SO: Knizhnaya letopis' No 44, 29 October 1955. Moscow.

KISELVA, Ye.S.; DAR'YALOVA, S.L.

Distribution in the animal body of colloidal solutions of  
radioactive chromium phosphate and zirconyl phosphate following  
various methods of administration. Med. rad. 9 no.11:29-36  
N '64. (MIRA 18:9)

1. Radiologicheskoye otdeleniye (zav.- M.A. Volkova)  
Gosudarstvennogo nauchno-issledovatel'skogo onkologicheskogo  
instituta imeni P.A. Gertsena, Moskva.

KISELEVA, Ye.S.; DAR'YALOVA, S.L.

Late results of treatment of so-called mixed tumors of the parotid gland according to materials of the P.A.Gertsen State Oncological Institute for the period 1945-1962. Vop. onk. 11 no.10:100-105 '65.  
(MIRA 18:10)

1. Iz radiologicheskogo otdeleniya (zav. -- kand.med.nauk M.A.Volkova)  
Gosudarstvennogo nauchno-issledovatel'skogo onkologicheskogo instituta  
imeni P.A.Gertsena (direktor -- prof. A.N.Novikov).

KISELEVA, Ye.S.

Lymphatic drainage from the stellate ganglion. Arkh. anat. gist.  
1 embr. 32 no.2:13-14 Ap-Je '55. (MLRA 9:1)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii  
(sav.-prof. V.A. Ivanov) 2-go Moskovskogo gosudarstvennogo  
meditsinskogo instuta imeni I.V. Stalina.

(GANGLIA, AUTONOMIC,

stellate ganglion, lymph drainage from)

(LYMPHATIC SYSTEM, anatomy and histology,

stellate ganglion lymph drainage from)

VOLKOVA, M.A.; KISELEVA, Ye.S.

Treatment of malignant tumors of the middle ear. Vop. onk. 6  
no. 3:64-68 Mr '60. (MIRA 14:2)

(EAR-CANCER)

KISELEVA, Ye. S.

Immediate results of interstitial treatment of cancer of the skin and  
lip with radioactive cesium. Vop. onk. 7 no.6:34-38 '61.  
(MIRA 14:12)

1. Iz radiologicheskogo otdeleniya (zav. - st. n. s. M. A. Volkova)  
Gosudarstvennogo onkologicheskogo instituta im. P. A. Gertsena (dir.-  
prof. A. N. Novikov)

(SKIN—CANCER) (LIPS—CANCER) (CESIUM—ISOTOPES)

NOVIKOV, A.N.; prof.; GARIN, N.D., doktor med.nauk; GOL'BERT, Z.V.,  
kand.med.nauk; VOLKOVA, M.A., kand.med.nauk; KISELEVA, Ye.B.,  
kand.med.nauk; MATVEYEVA, T.N., kand.med.nauk; VAVAKIN, A.D.,  
kand.med.nauk

Initial experience in the combined treatment of pulmonary  
cancer. Khirurgiia no.8:22-28 Ag '62. (MIRA 15:8)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo onkologicheskogo  
instituta imeni P.A. Gertsena (dir. - prof. A.N. Novikov) Mini-  
sterstva zdravookhraneniya RSFSR.  
(LUNGS—CANCER)

NOVIKOV, A. N.; VOLKOVA, M. A.; KISELEVA, Ye. S.

Radioactive colloidal gold in the combined treatment of lung  
cancer. Med. rad. no.4:8-12 '62. (MIRA 15:6)

(GOLD--ISOTOPES) (LUNGS--CANCER)



VOLKOVA, M. A.; KISELEVA, Ye. S.; PEL'MAN, S. G.; KANEVSKAYA, A. I.

Preliminary data on the use of radioactive colloidal gold in the combined treatment of breast cancer. Med. rad. no.12:3-9 '61.  
(MIRA 15:7)

1. Iz Gosudarstvennogo onkologicheskogo instituta imeni P. A. Gertsena.

(BREAST-CANCER) (GOLD-ISOTOPES)

YELASHOV, Yu.G.: KISELEVA, Ye.S.

Methodology of radiotherapy of malignant tumors in French hospitals.  
Med. rad. 9 no.3:89-95 Mr '64. (MIRA 17:12)

KISELEVA, Ye.V.

State of ammonia and water vapors over aqua ammonia. Zhur.  
neorg. khim. 8 no.7:1563-1566 JI '63. (MIRA 16:7)

(Ammonia) (Water vapor)

BURMISTROVA, Ol'ga Aleksandrovna; KARAPET'YANTS, Mikhail  
Khristoforovich, prof.; KARETNIKOV, German Sergeyevich,  
dots.; KISELEVA, Yekaterina Vasil'yevna, dots.; KUDRYASHOV,  
Igor' Vladimirovich, dots.; MIKHAYLOV, Vladimir Vasil'yevich,  
dots.; STAROSTENKO, Yekaterina Pavlovna, dots.; STREL'TSOV,  
Igor' Sergeyevich; KHACHATURYAN, Ol'ga Borisovna, dots.;  
GORBACHEV, S.V., doktor khim. nauk, prof., zasl. deyatel'  
nauki i tekhniki, red.; ALAVERDOV, Ya.G., red.; VORONINA,  
R.K., tekhn. red.

[Laboratory work in physical chemistry] Praktikum po fizich-  
skoi khimii. [By] O.A.Burmistrova i dr. Moskva, Vysshaya  
shkola, 1963. 553 p. (MIRA 16:11)  
(Chemistry, Physical and theoretical—Laboratory manual)

KISELEVA, Yekaterina Vasil'yevna; KARETNIKOV, German Sergeyevich;  
KUDRYASHOV, Igor' Vladimirovich; BOTVINKIN, O.K., doktor  
khim. nauk, retsenzent; MAKOLKIN, I.A., doktor tekhn.  
nauk, retsenzent; MISHCHENKO, K.P., doktor khim. nauk,  
retsenzent; GOL'DENBERG, G.S., red.

[Problems and examples in physical chemistry] Sbornik zadach i primerov po fizicheskoi khimii. Moskva, Vysshaya shkola, 1965. 275 p. (MIRA 18:7)

KISELEVA, Ye.V.

Morphology and biology of Schizothorax of the Zeravshan Basin.  
Trudy UzGU no.110:65-77 '61. (MIRA 15:3)  
(Zeravshan River--Carp)

KISELEVA, Ye.V.

Experience in artificial breeding of Schizothorax. Trudy UzOU  
no.110:93-96 '61. (MIRA 15:3)  
(Carp)

SIBIRTSOVA, L.K.; KISELEVA, Ye.V.; ABDULLAYEV, M.A.

Hydrobiological characteristics of the upper Zeravshan River.  
Trudy UzGU no.110:97-110 '61. (MIRA 15:3)  
(Zeravshan River--Hydrobiology)



1. MURACH, N.N., KOLOSOV, V. I., KISELEVA, YE V.

2. USSR (600)

4. Lead

7. Development of a method for converting lead slime from the production of diphenylguanidine into lead carbonate. Zhur. prikl. khim 20 no. 1 1947

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Unclassified.

KISELEVA, E. V.

Interaction of  $\text{Cu}^{++}$  and  $\text{Cl}^-$  ions in aqueous solution  
 E. V. Kiseleva (D. S. Mendeleev Chem.-Technol. Inst.,  
 Moscow). *Zhur. fis. Khim.* 27, 141-50 (1951) — The ab-  
 sorption spectra in the 4800-5600 Å. wave length range  
 were observed of an aqueous conc.  $\text{CuCl}_2$  and of  $\text{CuCl}_2$  and  
 Zn ions in various proportions. Data are graphically pre-  
 sented. Cu and Cl ions are in equl. with the complex ion  
 ( $\text{CuCl}_4$ ), whose dissoc. const. at 22° and 35° is  $1.5 \times 10^{-10}$  and  $1.5 \times 10^{-11}$  respectively.

140. The formation of  $\text{Cu}(\text{CuCl}_4)$  from Cu and Cl ions is  
 endothermic. Zn ions react with  $\text{CuCl}_4$  to form  $\text{Cu}(\text{ZnCl}_4)$ .  
 J. W. Lowenberg.

KISELEVA, Ye. V.

USSR/ Inorganic Chemistry. Complex Compounds

C.

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11461

Author : Kiseleva Ye.V., Khodeyeva S.M.

Inst : Moscow Chemico-Technological Institute

Title : Complex Compound of Nickel Ion with Chlorine Ion

Orig Pub : Tr. Mosk. khim.-tekhnol. in-ta, 1956, No 22, 89-96

Abstract : As a result of study of absorption spectra of  $\text{NiCl}_2$  solution on varying the concentrations of  $\text{Ni}^{2+}$  and  $\text{Cl}^-$ , and the temperature, and also on the basis of results of calorimetric investigations (definite correlation between heat of complex formation and concentration ratios of  $\text{Cl}^-$  and  $\text{Ni}^{2+}$ ) it has been ascertained that there is present in  $\text{NiCl}_2$  solutions a complex ion  $(\text{NiCl}_4)^{2-}$  (I). Stability of I increases with temperature and in the presence of  $\text{NO}_3^-$  ion, and decreases sharply in the presence of  $\text{Cd}^{2+}$ . Heat of formation of I is 2500-2600 cal/mole. Instability constant of I with an excess of  $\text{Cl}^-$  is  $\sim 0.3$ .

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USSR/ Inorganic Chemistry. Complex Compounds

CIA-RDP86-00513R000722820002-8

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11474

Author : Kiseleva Ye.V.

Inst : Moscow Chemico-Technological Institute

Title : Interaction of  $\text{NO}_3^-$  Ion with  $\text{Cl}^-$  Ion

Orig Pub : Tr. Mosk. khim.-tekhnol. in-ta, 1956, No 22. 97-99

Abstract : To explain the enhanced stability of  $(\text{CuCl}_4)\text{Cu}$  on addition of  $\text{NO}_3^-$  ion a study was made of the nature of interaction between  $\text{NO}_3^-$  and  $\text{Cl}^-$ . On the basis of results of determinations of the heat of interaction of the above-stated ions the author reaches the conclusion that there takes place, on interaction, the removal of 1 molecule  $\text{H}_2\text{O}$  from the hydrate shell of  $\text{Cl}^-$  ( $\Delta H_1 = 8000$  cal/mole) and the addition of 1 molecule  $\text{H}_2\text{O}$  to the hydrate shell of  $\text{NO}_3^-$  ( $\Delta H_2 = -9900$  cal/mole); the summative heat effect of the process  $\text{Cl}_I^- + \text{NO}_3^- \rightarrow \text{Cl}_{II}^- + \text{NO}_3^-$  (index "I" denotes the state of

$\text{NO}_3^-$  and  $\text{Cl}^-$  prior to mixing of solutions which contain them, and index "II" -- after the mixing) is  $\Delta H = \Delta H_1 + \Delta H_2 = 1900$  cal/mole. Decrease in "affinity" of  $\text{Cl}^-$  to  $\text{H}_2\text{O}$  in the presence of  $\text{NO}_3^-$ , according to the author, explains the enhanced stability of  $(\text{CuCl}_4)\text{Cu}$  in solutions containing  $\text{NO}_3^-$ .

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MURACH, N.N.; KISELEVA, Ye.V.

Displacement of cobalt from converter slags under the effect of  
aluminum sulfide. . Izv.vys. ucheb. zav.; tsvet. met. no.3:63-65  
' 58. (MIRA 11:11)

1. Moskovskiy institut tsvetnykh metallov i solota.  
(Cobalt) (Aluminum sulfide)

AUTHOR: Kiseleva, Ye. V. SOV/156-58-3-1/52

TITLE: The Reaction Heat of Ions in Aqueous Solutions (Teplota vzaimodeystviya ionov v vodnykh rastvorakh)

PERIODICAL: Nauchnyye doklady vysshey shkoly, Khimiya i khimicheskaya tekhnologiya, 1958, Nr 3, pp. 405-407 (USSR)

ABSTRACT: It was found that the difference between the heat of solution of salts in electrolyte solutions and in water is proportional to the concentration of free ions in the solution and does not depend on their nature. This difference was symbolized by  $\Delta H_0$  and called "heat of solution resistance" (teplota soprotivleniya rastvora).  $\Delta H_0$  increases with the molecular weight of the dissolved salts. As  $\Delta H_0$  is proportional to the ion concentration the concentration of the undissociated molecules as well as the heat of formation of compounds forming from the ions in aqueous solution may be determined from it. These results were obtained by the dissolution of  $\text{NaNO}_3$  in  $\text{NaNO}_3^-$ ,  $\text{NaCl}^-$ ,  $\text{NH}_4\text{NO}_3^-$ ,  $\text{Cd}(\text{NO}_3)_2^-$ ,  $\text{Mg}(\text{NO}_3)_2^-$ ,  $(\text{NH}_4)_2\text{SO}_4^-$ ,  $\text{CdCl}_2$  and  $\text{CuCl}_2$ , and of  $\text{NaCl}$  in  $\text{NaCl}^-$ .

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SOV/156-58-3-1/52

The Reaction Heat of Ions in Aqueous Solutions

$Mg(NO_3)_2^-$ ,  $(NH_4)_2SO_4^-$ , and  $Cd(NO_3)_2^-$  solution. One table shows: the electrolyte of the initial solution, its concentration, the heat of solution found,  $\Delta H_c$ , the normality  $n$  and the coefficient  $A = \frac{\Delta H_c}{n}$ . As is shown in table 2 and by a diagram, the quantity  $A$  increases with the molecular weight of the dissolved salt. The physical sense of the "heat of resistance"  $H$  is not yet clear; the determination of this quantity can apparently be of help in solving a number of problems. There are 1 figure, 2 tables, and 9 references, 7 of which are Soviet.

ASSOCIATION:

~~Kafedra~~ fizicheskoy khimii Moskovskogo khimiko-tekhnologicheskogo instituta im. D.I. Mendeleyeva (Chair of Physical Chemistry of the Moscow Chemical and Technological Institute imeni D.I. Mendeleyev)

SUBMITTED: November 18, 1957

Card 2/2

AUTHOR: Kiseleva, Ye. V. SOV/156-58-4-3/49

TITLE: Calorimetric Method of Determining the Ion Associates Present in Electrolyte Solutions (Kalorimetricheskiy metod opredeleniya nalichiya assotsiatsiy ionov v rastvorakh elektrolitov)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Khimiya i khimicheskaya tekhnologiya, 1958, Nr 4, pp 621-623 (USSR)

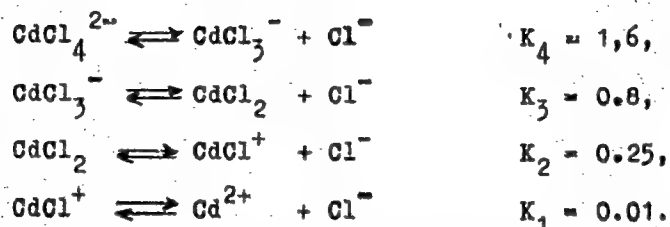
ABSTRACT: A new method of quantitative determination of the ion numbers in solutions by means of the so-called "heat of resistance  $\Delta H_c$ " was devised. The difference of the  $\Delta H_c$  heat is proportional to the ionic concentrations ( $n_i$ ) and is expressed by the equation (1):  $\Delta H_c = A \cdot n_i$ . (1)

In formula (1) A denotes the proportionality coefficient. The method suggested was applied to the following solutions:  $CdCl_2$ ,  $CuCl_2$ ,  $CdJ_2$ ,  $Na_2SO_4$ ,  $K_2SO_4$ . The following equilibria and the corresponding dissociation constants were given for the solution  $CdCl_2$ :

Card 1/3

SOV/156-58-4-3/49

Calorimetric Method of Determining the Ion Associates Present in Electrolyte Solutions



The ion associates in solutions of  $\text{CuCl}_2$  and  $\text{CdJ}_2$  are formed in a similar way. The ionic concentrations in the solutions of  $\text{CdCl}_2$ ,  $\text{ZnCl}_2$ ,  $\text{CuCl}_2$  and  $\text{NiCl}_2$  was determined by the calorimetric method, and then compared to the data of calorimetrically determined concentrations. The results obtained from the investigations show that the ion associates in aqueous solutions form the following stability series:  $\text{CdCl}_2$ ,  $\text{ZnCl}_2$ ,  $\text{CuCl}_2$ ,  $\text{NiCl}_2$ .

By means of the quantity  $\Delta H_c$  and the ionic concentrations ( $n_i$ ) calculated therefrom the dependence of the activity

Card 2/3



SOV/156-58-4-3/49

Calorimetric Method of Determining the Ion Associates Present in Electrolyte Solutions

coefficients on the concentration of the electrolytes was calculated. The results show that the activity coefficients decrease with decreasing ionic concentrations in the electrolyte solutions.

There are 2 tables and 5 references, 4 of which are Soviet.

ASSOCIATION: Kafedra fizicheskoy khimii Moskovskogo khimiko-tekhnologicheskogo instituta im. D. I. Mendeleyeva (Chair of Physical Chemistry at Moscow Chemo-Technological Institute imeni D. I. Mendeleev)

SUBMITTED: February 8, 1958

Card 3/3

LEVANDO, Ye.P.; KRASIKOVA, V.M.; KISELEVA, Ye.V.; YEVSEYEVA, I.V.

Solubility of metapicrite and chlorite amphibole schist in carbonate  
solutions; experimental studies of bauxite formation. Inform.  
sbor. VSEGEI no. 20:99-109 '59. (MIRA 14:1)  
(Picrite) (Schists) (Bauxite)

KISELEVA, Ye.V.; KARETNIKOV, G.S.; KUDRYASHOV, I.V.; BOTVINKIN, O.K., doktor  
khim.nauk, retsenzent; MAKOLKIN, I.A., doktor tekhn.nauk, retsenzent;  
MISHCHENKO, K.P., doktor khim.nauk, retsenzent; GRYAZNOV, V.M.,  
red.; REZUKHINA, T.M., red.; ZAZUL'SKAYA, V.F., tekhn.red.

[Collection of illustrated physical chemistry problems and exercises]  
Sbornik primerov i zadach po fizicheskoi khimii. Moskva, Gos.  
nauchno-tekhn.isd-vo khim.lit-ry, 1960. 264 p. (MIRA 13:7)  
(Chemistry, Physical and theoretical--Problems, exercises, etc.)

KISELEVA, Ye.V.; PRINIMAL UCHASTIYE BIBIN, V.N.

State of ammonia in aqueous solutions. Trudy MKHTI no.38;71-  
85 '62. (MIRA 16;7)

(Ammonia—Thermodynamic properties)  
(Electrolyte solutions)

KISELEVA, Ye.V.

Interaction of  $\text{Cu}^{2+}$  and  $\text{SO}_4^{2-}$  ions with water in a solution and  
in a crystal hydrate. Trudy MKHTI no.38:85-87 '62.

(MIRA 16:7)

(Copper sulfate crystals)  
(Electrolyte solutions)

SHEVELEV, V.A.; KRIVUT, B.A.; KISELEVA, Ye.Ya.

Analysis of pharmaceutical preparations by the capillary  
fluorescence method. Apt. delo 14 no.5:56-60 S-0 '65.

(MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh  
i aromaticeskikh rasteniy, Bittsa, Moskovskoy oblasti.

KISELEVA, Ye.Ya.

Role and tasks of the chief economist in a construction  
organization. Stroi.truboprov. 10 no.10:27-28 0 '65.  
(MIRA 18:10)

1. Gosudarstvennyy proizvodstvennyy komitet po gazovoy  
promyshlennosti SSSR.

KISELIWA, YE. Z.

Jaws - Surgery

Use of fixed cadaveric cartilage in maxillo-facial surgery, Stomatologia  
no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952, UNCLASSIFIED.



PAVLENKO, Viktor Fedorovich; LYUBIMOV, I.M., red.; KONOVALYUK,  
I.K., mlad. red.; KISELEVA, Z.A., red. kart; VAS'KINA,  
R.S., tekhn. red.

[Central Asia on new roads] Novye puti Srednei Azii. Mo-  
skva, Geografiz, 1963. 116 p. (MIRA 17:3)

KISELEVA, Z.I.

Results of pulmonary resection in tuberculosis. Probl. tub. 34 no.3:  
27-30 My-Je '56. (MLRA 9:11)

1. Iz Bryanskoy oblastnoy bol'nitsy (glavnyy vrach--zasluzhennyy  
vrach RSFSR N.Z.Ventskevich)  
(TUBERCULOSIS, PULMONARY, surg.  
statist.)

KISELEVA, Z.K. (Leningrad)

Automatic super-highspeed filtration stations. Vod. i san.  
tekh. no. 3:1-6 Mr '61. (MIRA 14:7)  
(Leningrad—Water—Purification)  
(Filters and filtration)

Hydrocephalus

Changes in the capillary network in experimental hydrocephalus in puppies 16 days to 1½ months old. Zhur. nevr. i psikh. 52 no. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December, 1952. UNCLASSIFIED

KISILEVA, Z.N.

Changes in cerebral vessels and capillaries of embryos following asphyxia of the pregnant animal. *Pediatrics*, no.6:13-20 N-D '55.

(MLRA 9:6)

1. Iz laboratorii razvitiya mozga (zav.-laureat Stalinskoy premii prof. B.N. Klonovskiy) Instituta pediatrii AMN SSSR (dir. chlen-korrespondent AMN SSSR. O.D. Sokolova-Ponomareva)

(ASPHYXIA, exper.

of pregn. animals, eff. on cerebral capillaries of embryo)

(EMBRYO

cerebral capillaries, eff. of asphyxia of pregn. animals)

(BRAIN, blood supply

of animal embryo, eff. of asphyxia of pregn. animals)

(CAPILLARIES

cerebral, of animal embryo, eff. of asphyxia of pregn. animals)

KISELEVA, Z.N.

Studies of remote sequelae of asphyxia. Report no.1; Characteristics of behavior and reactions of the central nervous system in animals following asphyxia in the embryonic stage. Biul. eksp. biol. i med. 40 no.12:32-34 D '55. (MLRA 9:3)

1. Iz laboratorii razvitiya mozga (zav.-chlen-korrespondent AMN SSSR prof. B.H. Klovovskiy) Instituta pediatrii (dir.-chlen-korrespondent AMN SSSR prof. O.D. Sokolova-Ponomareva), Moskva.

(ANOXIA, experimental,

fetal, eff. on CNS postnatal funct. in cats)

(CENTRAL NERVOUS SYSTEM, physiology,

eff. of fetal anoxia on postnatal funct. in cats)

USSR / Human and Animal Morphology, Normal and Pathological.  
Pathological Anatomy.

S

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 36041

Author : Kiseleva, Z. N. Volzhina, N. S.

Inst : Not given

Title : Experimentally Induced Hydrocephalus in Young Animals.

Orig Pub : Arkhiv patologii, 1957, 19, No. 7, 44-52.

Abstract : Cotton plugs, injected into the cerebral aqueducts of 24 puppies, aged 2 weeks to 1½ months, obstructed the drawing off of "liquor" from the laterals and the third ventricles. In 24-36 hours after the operation, an acute edema of the brain developed. From the 3rd to the 8th day, the edema decreased, and hyperemia of the medulla developed. On the 12-30th day, the vessels and capillaries became dilated due to prolonged asphyxia. In the puppies that survived 9-30

Card 1/2

KISELEVA, Z.N. (Moskva)

Characteristics of the behavior and reaction of the central nervous system following asphyxia [with summary in English]. Arkh.pat. 20 no.6:20-25 '58 (MIRA 11:7)

1. Iz laboratorii razvitiya mozga (zav. - chlen-korrespondent ANU SSSR prof. B.N. Klossovskiy) Instituta pediatrii ANU SSSR (dir. - chlen-korrespondent ANU SSSR prof. O.D. Sokolova-Ponomareva).

(ASPHYXIA, exper.

eff. on brain in young cats (Rus))

(BRAIN, physiology

eff. of asphyxia in young cats (Rus))



KISELEVA, Z.N.

Effect of prenatal induced asphyxia on the size of the cerebral nerve cells. Biul. eksp. biol. i med. 49 no. 4:115-117 Sp '60.

(MIRA 13:10)

1. Iz otdeleniya po izucheniya razvitiya mozga (sav. - chlen-korrespondent AMN SSSR prof. B.N. Klosovskiy) Instituta pediatrii (dir. - chlen-korrespondent AMN SSSR prof. O.D. Sokolova-Ponomareva) AMN SSSR, Moskva.

(ASPHYXIA)

(BRAIN)

(FETUS)

KISELEVA, Z.N.; MLADKOVSKAYA, T.E.

Permeability of the capillaries of the brain at different stages of embryonic development (in health and following suffocation). Nauch. inform. Otd. nauch. med. inform. AMN SSSR no.1243-44 '61 (MIRA 16:11)

1. Institut pediatrii (direktor - dotsent M.Ya.Stanislavskiy) . AMN SSSR, Moskva.

\*

KISELEVA, Z.N. (Moskva, D-284, Begovaya, 11, kv. 19)

Effect of asphyxia during the intrauterine period on the growth of capillaries in the brain. Arkh. anat. gist. i embr. 41 no. 8:45-49 Ag '61. (MIRA 15:6)

1. Otdeleniye razvitiya mozga (zav. - chlen-korrespondent AMN SSSR, prof. B.N. Klovovskiy) Instituta pediatrii AMN SSSR.

(ASPHYXIA) (PREGNANCY, COMPLICATIONS OF)  
(BRAIN--BLOOD SUPPLY)



IZYUMOV, V.N.; Primalni uchastiye: BUNTOVA, V.I.; KISELEVA, Z.P.

Synthesis of pentaphthalic resins modified with n-tert-butylbenzoic acid and manufacture of paint materials on their base. Lakokras.mat.i ikh prim. no.6:3-6 '62. (MIRA' 16:1)

1. Yaroslavskiy tekhnologicheskii institut.  
(Resins, Synthetic) (Paint materials)

ROGOZIN, Igor' Stepanovich; KISELEVA, Zoya Timofeyevna

[Landslides in the Volga Valley portion of Ul'yanovsk and  
Syzran'] Opolzni Ul'ianovskogo i Syzranskogo Povolzh'ia.  
Moskva, Nauka, 1965. 157 p. (MIRA 18:4)

72 L 9792-66

ACC NR: AP5028536

SOURCE CODE: UR/0286/65/000/020/0130/0130

AUTHORS: <sup>114</sup>Balandin, I. Ya.; <sup>55</sup>Leznov, S. I.; <sup>114</sup>Zapol'skiy, I. S.; <sup>114</sup>Len'kov, G. V.; <sup>55</sup>Goryachkin, V. Yu.; <sup>114</sup>Rotov, Y. S.; <sup>55</sup>Kiseleva, Z. V.; <sup>114</sup>Mironov, A. A.

ORG: none

TITLE: Multi-support stand. Class 65, No. 175838 [announced by Kherson Design and Construction Technological Institute (Khersonskiy proyektno-konstruktorskiy tekhnologicheskii institut)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 130

TOPIC TAGS: shipbuilding engineering, ship component, automation

ABSTRACT: This Author Certificate presents a multi-support stand with frame supports for placing of ship sections. To mechanize the placing of the supports under the ship sections, the frame supports are pivoted below the floor level and are kinematically connected to the push rod of a hydraulic cylinder which synchronously lifts the supports to a vertical position and lowers them to a horizontal position until the back sides of the supports are at floor level and form a flat platform (see Fig. 1).

Cord 1/2

UDC: 629.12.002.011:621.757:621.791

L 9792-66

ACC NR: AP5028536

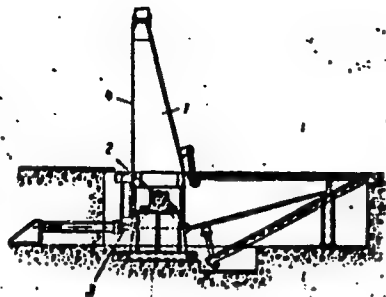


Fig. 1. 1 - Frame support; 2 - pivot;  
3 - push rod; 4 - back side of  
support.

Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 28Aug64

Card 2/2



L 7994-66

ACC NR: AP5026566

SOURCE CODE: UR/0286/65/000/019/0130/0131

AUTHORS: Balandin, I. Ya.; Lomov, S. I.; Zapol'skiy, I. S.; Len'kov, P. V.;  
Goryachkin, V. Yu.; Kiseleva, Z. V.; Mironov, A. A.

ORG: none

TITLE: A mobile stand for assembly and welding of ship hull sections. Class 65,  
No. 175406 /presented by Kherson Design and Construction Engineering Institute  
(Khersonskiy proyektno-konstruktorskiy tekhnologicheskii institut)/

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 130-131

TOPIC TAGS: construction machinery, shipbuilding engineering

ABSTRACT: This Author Certificate presents a mobile stand for assembly and welding  
of ship hull sections. The stand is made up of longitudinal framing beams carrying  
transverse curved beams with vertically adjustable supports (see Fig. 1).



Fig. 1. 1- longitudinal framing beams;  
2- transverse curved beams;  
3- supports; 4- protruding teeth;  
5- hydraulic cylinders



Card 1/2

UDC: 629.12.002.011:621.757:621.791

L 7994-66

ACC NR: AP5026566

To facilitate the work setup for a continuously positioned method of fabricating ship sections by mechanized assembly and welding technique, the longitudinal beams of the stand carry protruding teeth on their lower surface. These teeth interact with the bearings hinged to free ends of piston stems in the hydraulic cylinders of the mechanism for moving the stand. Orig. art. has: 1 figure.

SUB CODE: IE/ SUBM DATE: 15Aug64

fw  
Card 2/2

KISELEVICH, A.D.

Flexible coupling in tractor power transmission. Mekh. i elek.  
sots. sel'khoz. 16 no.4:13-18 '58. (MIRA 11:10)

1. Direktor remontno-traktornoy stantsii (RTS) imeni Tel'mana,  
Orlovskoy oblasti.

(Tractors--Transmission devices)

KISELEVICH, D.

Large-panel precast reinforced concrete arched slabs. Na stroi.  
Ros. no.2:27-29 F '61. (MIRA 14:6)

1. Glavnyy inzh. Eksperimental'no-konstruktorskogo byuro  
Akademii stroitel'stva i arkhitektury SSSR.  
(Roofing, Concrete)  
(Precast concrete construction)

KISELEVICH, D., kand.tekhn.nauk

Economical designs of a standardized farm production building.  
Na stroi. Ros. no.5:9-11 My '61. (MIRA 14:7)  
(Farm buildings)  
(Reinforced concrete construction)

KISELEVICH, D.S., kand.tekhn.nauk

Important stage in the introduction of the results of research  
into practice. Izv. ASiA no.1: 90-93 '60. (MIRA 13:9)  
(Building research) (Construction industry)

KISELEVICH, E.Ye.

Eliminating malaria at the Vyas'ma station of the Western Railroad.  
Med.paras.i paras.bol. no.6:540-541 H-D '53. (MLRA 6:12)

1. Is dorozhnoy protivomalyariynoy stantsii Zapadnoy zheleznoy dorogi.  
(Vyas'ma--Malarial fever) (Malarial fever--Vyas'ma)

KISELEVICH, G.A.  
KISELEVICH, G.A.

Contamination of market vegetables and fruit by geohelminth eggs  
in L'vov. Med.paras. i paras.bol.supplement to no.1:67 '57.  
(MIRA 11:1)

1. Is kafedry obshchey gigiyeny L'vovskogo meditsinskogo instituta.  
(FARM PRODUCE--HYGIENIC ASPECTS)  
(WORMS, INTESTINAL AND PARASITIC)



Kiselevich, G.H

SHTABSKIY, B.M.; KISELEVICH, G.A., dots.

Students' work load and a hygienic evaluation of class schedules  
for the 5th - 10th grades of the secondary school in Lvov. Vrach.  
delo supplement '57:104 (MIRA 11:3)

1. Kafedra obshchey gigiyeny (zav.-prof. V.Z.Martynyuk) L'vovskogo  
meditsinskogo instituta.  
(CHILDREN--CARE AND HYGIENE)

KISELEVICH, G.A., dotsent

Sanitary and hygienic evaluation of open "Dynamo" Swimming Pool  
in Lvov. Vrach. delo no.12:149-150 D '61. (MIRA 15:1)

1. Kafedra obshchey gigiyeny (zaveduyushchiy - prof. V.Z. Martynyuk)  
L'vovskogo meditsinskogo instituta.  
(LVOV SWIMMING POOLS HYGIENIC ASPECTS)

KISELEVICH, G.N., inzh.

Bauxite storehouse constructed of precast reinforced concrete frames. Prom. stroi. 42 no.3:26 '65. (MIRA 18:7)

1. Kazorgstroy.

KISELEVICH, I.; URVANTSEV, G.

For the intelligent planning of instruction. Prof.-tekh. obr. 21  
no.2:10 F '64. (MIRA 17:9)

1. Tsentral'nyy uchebno-metodicheskiy kabinet.

KISELEVICH, Lev Nikolayevich.; RABINOVICH, Izidor L'vovich.; GORSHKOV,  
A.P., red.; SVERDLOV, A.S., tekhn. red.

[Development of standard planning in multistory housing  
construction; based on examples in Kiev, Minsk, Stalingrad,  
Zaperozh'ye, and Magnitogorsk] Razvitie tipizatsii v  
mногоetazhnom zhilishchnom stroitel'stve; na primerekh Kiev,  
Minska, Stalingrada, Zaperozh'ia i Magnitogorska. Moskva, Gos.  
izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1958. 154 p.  
(MIRA 11:11)

(Apartment houses)

BUMAZHNYI, I.O., red.; GALKIN, Ya.G., red.; KISELEVICH, L.N., red.;  
KUZNETSOV, A.I., red.; RUBANENKO, B.H., red.; GORSHKOV, A.P.,  
red.; TEMKINA, Ye.L., tekhn.red.

[Proceedings of the section on housing, cultural facilities,  
amenities, and the planning and building of towns] Sektsiia  
zhilishchnogo i kul'turno-bytovogo stroitel'stva, planirovki i  
zastroiki gorodov. Moskva, Gos. izd-vo lit-ry po stroit.,  
arkhit. i stroit. materialam, 1958. 463 p. (MIRA 12:1)

1. Vsesoyuznoye soveshchaniye po stroitel'stvu. Moscow, 1958.
2. Chlen prezidiuma Akademii stroitel'stva i arkhitektury SSSR  
(for Rubanenko). (Construction industry) (City planning)

KISELEVICH, L.N.

Institute of Housing Construction. Izv.ASiA no.3:164-165  
'59. (MIRA 13:6)

1. Rukovoditel' sektora informatsii instituta zhilishcha  
Akademii stroitel'stva i arkhitektury SSSR.  
(Housing research) (Building research)

POPESCU, A., ing.; KISELEVICI, M., ing.

Improving the quality and enlarging the knitwear assortment.  
Ind text Rum 12 no.9:366-370 S'61.

1. D.G.I.T.C. (for Popescu). 2. Intreprinderea "Tricotajul Rosu",  
Bucuresti (for Kiselevici).



KISELEVICI, Maria, ing.; HILSENRAD, A., ing.

Problems on the continuous rationalization of working  
systems in the knitwear manufacture. Ind text Rum 12 no.5:  
194-198 My\*61.

1. Fabrica "Tricotajul Rosu", Bucuresti.

KISELY, E.

"The Sloping Gliding" p. 13

"New Ways of Navigation; Down the Wind on Isobars!" p. 15

"Pilots of the Northern Lights; " a novel. (To be contd.) p. 16

(Regulus, Vol. 6, No. 22, November, 1953, Budapest)

SO: Monthly List of East European Vol. 3, No. 3 1954  
1957/58 Accessions/ Library of Congress, March 1957, Uncl.

KISELY, E.

"Material for the 300-hour training; air resistance" p. 17, (REPULES, Vol. 6, No.1, Jan. 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

KISELEVSKAYA, K.

POLAND/Zooparasitology - Parasitic Worms.

Abs Jour : Ref Zhur Biol., No 1, 1959, 951

G

Author : Kiselevskaya, K.

Inst : Polish AS

Title : Cycle of Development of *Choanotaenia crassiscolex* and  
Some Data on Formation of Its Cysticercoids

Orig Pub : Bull. Acad. polon. sci. 1958, Cl. 2, 6, No 2, 79-84  
VIII

Abstract : At Belovezh National Park in the exploration of stomach  
mollusks, larvae of *Ch. crassiscolex* were found in 3%  
of *Gonioidiscus ruberatus*, in 5% of *Cochlicopa lubrica*,  
in 0.6% *Eulota fruticum*, in 1.7% of *Zonitoides nitida*s  
and *Vitrea contracta*, in 69% of *Vitrea pellucida*, and  
in 0.9% of *Succinea putris*.

Card 1/1

24(6)  
AUTHOR: Kysilivs'ka, L. M. (Kiselevskaya, L. M.) SOV/21-59-7-8/25  
TITLE: Free Oscillations of a Shell Reinforced with Stiffening Ribs  
PERIODICAL: Dopovidi Akademii Nauk Ukrain's'koi RSR, 1959, Nr 7, pp 730-735 (UkrSSR)  
ABSTRACT: A general method is described for determining the frequencies of free oscillation of a shell with an arbitrary inner surface, reinforced by stiffening ribs placed along the lines of curvature of the inner surface. This method is developed in detail for a sloping circular cylindrical shell, reinforced by longitudinal equidistant stiffening ribs. As a special case the author discusses the problem of the oscillations of a sloping circular cylindrical shell without stiffening ribs, the solution of which is given in O.D. Oniashvili's monograph /3/. The formula for the frequency of flexural oscillations obtained by the author agrees with the corresponding formula of O.D. Oniashvili. The variational method is applied for

Card 1/2

SOV/21-59-7-8/25

Free Oscillations of a Shell Reinforced with Stiffening Ribs

the solution of the problem. There are 9 mathematical  
formulas and 3 Soviet References

ASSOCIATION: Kyivs'ky derzhavnyy universytet (Kiyev State University)

PRESENTED: O.Yu. Ishlins'ky Member AS UkrSSR

SUBMITTED: January 26, 1959

Card 2/2

KISELEVSKAYA, L.M. [Kisilivs'ka, L.M.] (Kiyev)

Determining frequencies of natural vibrations of a shell  
reinforced with stiffening ribs. Prykl.mekh. 7 no.4:377-387  
'61. (MIRA 14:9)

1. Kiyevskiy gosudarstvennyy universitet.  
(Elastic plates and shells--Vibration)

S/879/62/000/000/047/088  
D234/D308

AUTHOR: Kiselevskaya, L. M. (Kiev)

TITLE: The effect of reinforcing ribs on the frequency of natural vibrations of a shallow cylindrical shell

SOURCE: Teoriya plastin i obolochek; trudy II Vsesoyuznoy konferentsii, L'vov, 15-21 sentyabrya 1961 g. Kiev, Izd-vo AN USSR, 1962, 289-294

TEXT: The variational equation for a shell with transversal ribs is formulated, assuming small deformations and conservation of normal element. The displacements are represented as double trigonometrical series for the case of hinged edges, and an infinite system of linear equations is obtained. In the case of a single rib in the middle of the shell, equations for natural frequencies are given. In a numerical example the presence of a rib is found to decrease the frequency for certain values of the parameters. There is 1 table.

Card 1/1



KISELEVSKIY, L.I.

Effect of the polarity of arc discharge on the supply of the copper-zinc alloy into the gas discharge cloud. Dokl. AN BSSR 6  
no.2:86-89 F '62. (MIRA 15:2)

1. Institut fiziki AN BSSR. Predstavleno akademikom AN BSSR  
B.I.Stepanovym.  
(Copper-zinc alloys--Spectra)

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Characteristics of spectrum analysis of brass in case of rectified-arc excitation. Inzh.-fiz. zhur. no. 6:101-103 Je '58. (MIRA 11:7)

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Some Stroboscopic Studies of Spectra of Alternating Current Arc

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ABSTRACT:

The author applied the method of stroboscopic recording of spectra to the study of an effect of tin in copper-zinc-tin alloys on the intensity of spectral lines of zinc and copper. Spectra of alternating current arc, which correspond to discharges of either sign, as well as spectra obtained in the time base of these discharges were studied by means of a spectrograph of the ISP-22 type. It was found that the intensities of spectral lines were different in discharges when a specimen under investigation served as a cathode and as an anode. An analogous phenomenon was earlier described by V.K. Prokof'yev [Ref 1]. Excitation conditions proved to be more "rigid" in discharges when the specimen served as a cathode of the arc. The absolute intensity of spectral lines of zinc and copper atoms increased with an increasing concentration of tin in the alloy, in both cases of discharges, although in a different degree, depending on whether the specimen was a cathode or anode. The changes of

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